IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

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K.	As	a naŋ	ed inven	tor, I hereby	declare th	at:								
PATTER & A	940: M	y resid	ence, pos	st office addre	ess and cit	tizenship	are as sta	ted next to r	ny name	;	•			
nvento	Ib r(if	elieve plural	I am the	original, first re listed in the patent is soug	signator	y page(s)	commend	ne name is l cing at page	isted) or 2 hereof	an orig	ginal, e subj	first a ect m	ind jo atter	oint whic
	Ki	nase I	nhibitors	as Therapeuti	c Agents									
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[]	is	attach	ed hereto	•										
[X]	wa	s filed	on <u>Septe</u>	ember 15, 200	<u>)0</u> as Unit	ted States	Applicat	ion						
	Nı	ımber	or PCT I	nternational A	Applicatio	n No. <u>09</u>	/663,320							
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ountry	ent o oth	r inve er that applie	ntor's cer n the Unit cation for	reign priority tificate or 365 ted States of A patent or inv lication on wh	(a) of any America, i entor's ce	y PCT int listed belortificate,	ternationa ow and ha or of any	i application	n wnich (ntified be	elow, b	y che	cking	the t	ox,
~					<u>Prior</u>	Foreign	Applicati	on(s)	1	iority Not aimed		Certi Copy ES		
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I hereb	y cla	aim th	e benefit	under 35 U.S.	.C. §119(e) of any	United St	ates provisi	onal app	lication	n(s) li	sted b	elow	.
60/154	,618	}			-		tember 17 ng Date)	, 1999	·					
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(Appli	catio	n Nur	nber)			(Fili	ing Date)	.,	·	 				

(Application Serial No	.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No	.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No	.)	(Filing date)	(Status: patented, pending, abandoned)
As a named in Hamilton, Brook, Sm Customer No. 210	ith & Reyno	reby appoint the attorneys olds, P.C., Two Militia D	and/or agents associated with rive, Lexington, Massachusetts 02421-4799
and John D. Conw	ay, Esq.		,
to prosecute this applic	ation and to	transact all business in the	e Patent and Trademark Office connected therewith.
Please send corres			
[X] Customer No	_	21005 HAMILTON, BROOK Two Militia Drive	, SMITH & REYNOLDS, P.C.
		Lexington, MA 02421-	4799
or .		Lexington, MA 02421-	4799
or [] Address as fol	lows:	Lexington, MA 02421-	4799
	lows:	Lexington, MA 02421-	4799
[] Address as fol		Lexington, MA 02421-	
[] Address as fol	ne calls to: _		. Telephone No.: 781-861-6240
[] Address as fold Direct telephon Direct facsiming I hereby declar on information and beliated willful false statem	ne calls to: les to: re that all state are believents and the United State at issued the	Richard W. Wagner, Esq Richard W. Wagner, Esq atements made herein of myed to be true; and further like so made are punishables Code and that such willfareon.	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 The system of the statements of the statements of the statements were made with the knowledge of the by fine or imprisonment, or both, under Section ful false statements may jeopardize the validity of the
Direct telepho Direct facsimi I hereby decla on information and beli that willful false statem 1001 of Title 18 of the application or any pater	ne calls to: les to: re that all state are believents and the United State at issued the	Richard W. Wagner, Esq Richard W. Wagner, Esq atements made herein of moved to be true; and further like so made are punishables Code and that such wills	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 The system of the statements of the statements was a statement of the statement of t
Direct telepho Direct facsimi I hereby decla on information and beli that willful false statem 1001 of Title 18 of the application or any pater	ne calls to: les to: re that all statef are believents and the United State and issued the	Richard W. Wagner, Esq Richard W. Wagner, Esq atements made herein of moved to be true; and further like so made are punishables Code and that such willing	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 The system of the statements of the statements was a statement of the statement of t
Direct telephon Direct facsimi I hereby decla on information and belithat willful false statem 1001 of Title 18 of the application or any pater. Full name of sole or first inventor	ne calls to: les to: re that all state are believents and the United State and issued the Gavin C	Richard W. Wagner, Esq Richard W. Wagner, Esq atements made herein of moved to be true; and further like so made are punishables Code and that such willing	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 The statements were and that all statements made that these statements were made with the knowledge ble by fine or imprisonment, or both, under Section ful false statements may jeopardize the validity of the
Direct telepho Direct facsimi I hereby decla on information and beli that willful false statem 1001 of Title 18 of the application or any pater Full name of sole or first inventor	ne calls to: les to: re that all state are believents and the United State art issued the Gavin C	Richard W. Wagner, Esq Richard W. Wagner, Esq atements made herein of myed to be true; and further like so made are punishables Code and that such willfareon.	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 The statements made that all statements made that these statements were made with the knowledge sole by fine or imprisonment, or both, under Section ful false statements may jeopardize the validity of the
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Direct telepho Direct facsimi I hereby decla on information and beli that willful false statem 1001 of Title 18 of the application or any pater Full name of sole or first inventor Inventor's Signature Residence	ne calls to: les to: re that all state are believents and the United State at issued them. Gavin C 112 Rob Marlboro	Richard W. Wagner, Esq Richard W. Wagner, Esq atements made herein of moved to be true; and further like so made are punishables Code and that such willing reon. Hirst Mert Road O. Massachusetts 01752	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 The system of the statements made that these statements were made with the knowledge only by fine or imprisonment, or both, under Section ful false statements may jeopardize the validity of the statements may jeopardize the statements may jeopard

Full name of second jo	pint	
inventor, if any	Paul Rafferty	
Inventor's Signature		Date
	722 Charlestown Drive	
	Westborough, Massachusetts 01581	
Citizenship	United Kingdom	
	Same as above	·
Full name of third joint		
inventor, if any	Kurt Ritter	
	30 Ashmont Avenue	
	Newton, Massachusetts 02460	
	Germany	
	Same as above	
Full name of fourth join		
•	David Calderwood	
	4 McCarthy Circle	
	Framingham, Massachusetts 01702	
	United Kingdom	
	Same as above	
	Sumo us ubove	
Full name of fifth joint		
inventor, if any	Helen Twigger	,
Inventor's Signature	Hale land	Date_13Nav (TO
Residence		
	Nottingham, NG1 1GF, United Kingdom	
Citizenship		
Post Office Address		
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		

Full name of sixth joint		
inventor, if any Inventor's Signature	Stephen St. Gallay S. A. St. Galla	Date 8 12 2000
Residence	Bakewell Road .	
	Loughborough, Leics. LE11 5RH, United Kingdom	
Citizenship	United Kingdom	·
Post Office Address	Same as above	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE UN 0 5 2001

Declaration for Patent Application

TECH CENTER 1600/2900

As a named inventor, I hereby declare that:

	My residence, post	office address and	citizenship are as stated next to my	marne,					
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	Kinase Inhibitors 2	s Therapeutic Agen	uts				-	_	
the sp	ecification of which (check onc)							
[]	is attached hereto.								
[X]	was filed on <u>Septe</u>	mber 15, 2000 as U	nited States Application						
	Number of PCT In	nternational Applica	tion No. 09/663,320						
	and was amended	on	(if applicable).			٠			
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(her	eby claim the benefit	under 35 U.S.C. §11	9(c) of any United States provisio	nal appl	ication	ı(s) li	sted 1	belov	<i>/</i> .
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<u>(</u> \\	lication Number)		(Filing Date)			·			

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
As a named inv Hamilton, Brook, Smit Customer No. 2100	h & Reynolds, P.C., Two M	ttorneys and/or agents associated with [ilitia Drive, Lexington, Massachusetts 02421-4799]
and John D. Conwa	y, Esq.	
to prosecute this applica	tion and to transact all busine	ess in the Patent and Trademark Office connected therewith.
Please send corresp		
{X} Customer No.	Two Militia Dri	
or	Lexington, MA	02421-4799
[] Address as follo	ows:	
Direct telephor	ne calls to: Richard W. Wag	ner, Esq. Telephone No.: 781-861-6240
Direct facsimil	es to: Richard W. Wag	ner, Esq. Facsimile No.: 781-861-9540
on information and believed willful false statement	ef are believed to be true; and ents and the like so made are United States Code and that s	rein of my own knowledge are true and that all statements made I further that these statements were made with the knowledge punishable by fine or imprisonment, or both, under Section uch willful false statements may jeopardize the validity of the
Full name of sole	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
Full name of sole or first inventor	Gayin C. Hirst	
	Gavin C. Hirst	Date 1/8/0/
or first inventor	112 Robert Road	
or first inventor	Goon l	
or first inventor	112 Robert Road	

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Westborough, Massachusetts 01581		
United Kingdom		
Kurt Ritter		
Same as above		
it		
David Calderwood		
4 McCarthy Circle		
Same as above		
	Date	
R5 Pennyloot Street		
Nottingham, NGI 1GF, United Kingdom		
United Kingdom	· · · · · · · · · · · · · · · · · · ·	
Same as above		
	Paul Rafferty 722 Charlestown Drive Westborough, Massachusetts 01581 United Kingdom Same as above Kurt Ritter 30 Ashmont Ayenue Newton, Massachusetts 02460 Germany Same as above t David Calderwood 4 McCarthy Circle Framingham, Massachusetts 01702 United Kingdom Same as above Helen Twigger R5 Pennyfoot Street Nottingham, NG1 1GF, United Kingdom	Paul Rafferty Date 722 Charlestown Drive Westborough, Massachusetts 01581 United Kingdom Same as above Kurt Ritter Date 30 Ashmont Avenue Newton, Massachusetts 02460 Germany Same as above t David Calderwood Date 4 McCarthy Circle Framingham, Massachusetts 01702 United Kingdom Same as above Helen Twigger Date R5 Pennyfoot Struct Nottingham, NG! 1GF, United Kingdom

-4-

Full name of sixth joint inventor, if any	Stephen St. Gallay	
Inventor's Signature		Date
Residence	Bakewell Road	
	Loughborough, Leics, LEI1 SRH, United Kingdom	
Citizenship	United Kingdom	
l'ost Office Address	Same as above	· · · · · · · · · · · · · · · · · · ·

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DOCKET NO. 2079.1042-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

	•		citizenship are as stated next to my					
nvent s clair	or (if plural names ar	e listed in the signar	ole inventor (if only one name is list tory page(s) commencing at page 2 the invention entitled	ed) or an orighereof) of the	ginal, f e subje	irst a ect m	nd jo atter	int whic
	Kinase Inhibitors :	as Therapeutic Ager	nls					
the spe	ecification of which (check one)	<u> </u>			-	<u></u>	
	is attached hereto.							
[X]	was filed on Septe	mher 15, 2000 as U	Inited States Application					
	Number of PCT fr	nternational Applica	ation No. 09/663,320					
	and was amended	on	(if applicable).					
includ	I hereby state that ling the claims, as am	I have reviewed an lended by any amen	d understand the contents of the aboundary referred to above.	ove-identified	speci	licati	on,	
define	I acknowledge the d in 37 C.F.R. §1.56	duty to disclose in:	formation which is known by me to	be material to	o patei	ıtabi	lity a	S
counti any fo	tent or inventor's cert	tificate or 365(a) of ted States of Americ matent or inventor's	ts under 35 U.S.C. 119(a)-(d) or 36 any PCI international application vea, listed below and have also identificate, or of any PCT internationity is claimed:	vhich designa fied below, b	ited at v chec	icast king	one the b	ox,
		<u>P</u> 1	rior Foreign Application(s)	Priority Not Claimed		Certi lopy ES	Filed	?
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(Num	her)	(Country)	(Day/Month/Year filed)	_ []	, []	[}
[here	by claim the benefit	under 35 U.S.C. §1	19(c) of any United States provision	al application	n(s) lis	ted l	elow	′ .
	4,618 lication Number)		September 17, 1999 (Filing Date)					
Ann	lication Number)		(Filing Date)					

-2-

Application Serial No.)		(Filing date)	(Status: patented, pending, abandoned)
Application Serial No.)		(l'iling date)	(Status: patented, pending, abandoned)
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As a named inve Jamilton, Brook, Smith Customer No. 21005	ı & Reyno	eby appoint the attorno lds, P.C., Two Militia	cys and/or agents associated with Drive, Lexington, Massachusetts 02421-4799
and John D. Conway	y, Esq.		
o prosecute this applicat	ion and to	transact all business in	the Patent and Trademark Office connected therewith.
Please send correspo			
[X] Customer No.		21005	OK, SMITH & REYNOLDS, P.C.
		Lexington, MA 0242	21–4799
or			
[] Address as follo)W5:		•
Direct tolophou	e calls to:	Richard W. Wagner,	Esq. Telephone No.: 781-861-6240
Direct facsimile			
on information and belie	of are believents and the Juited State	ved to be true; and furt e like so made are puni- es Code and that such	of my own knowledge are true and that all statements made her that these statements were made with the knowledge shable by fine or imprisonment, or both, under Section willful false statements may jeopardize the validity of the
Full name of sole			
or first inventor	Gavin (
Inventor's Signature			Date
Residence		hert Road	
		rough, Massachusetts (01752
Citizenship	Great F	Britain	
•	-		

full name of second join	t	
	Paul Rafferty	
inventor's Signature		Date
Residence		
_, ,	Westborough, Massachusetts 01581	
Citizenship	United Kingdom	
	Same as above	
Full name of third joint		
inventor, if any	Kurt Ritter	
Inventor's Signature	Kurt Ritter - L+a Re	Date $\frac{ 2 2 /(\infty)}{ 2 }$
Residence	30 Ashmont Avenue	
	Newton, Massachusetts 02460	
	Germany	· · · · · · · · · · · · · · · · · · ·
Post Office Address	Same as above	
Full name of fourth join	t	
inventor, if any	David Calderwood	
Inventor's Signature		Date
Residence	4 McCarthy Circle	
	Framingham, Massachusetts 01702	
Citizenship	United Kingdom	
Post Office Address	Same as above	
Full name of fifth joint		
inventor, if any	Helen Twigger	
Inventor's Signature		
Residence	R5 Pennyloot Struct	
	Nottingham, NG1 1GF, United Kingdom	
Citizenship	United Kingdom	· ·
Curscustub		

-4.

Full name of sixth joint	Stephen St. Gallay	
	Otopilon (A. Cama)	Date
Residence	Bakewell Road	
	Loughborough, Leics, LEII SRH, United Kingdom	
Citizenship	United Kingdom	
Post Office Address	Same as above	

(Application Number)

190-

DOCKE (NO. 2079.1042-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled Kinase Inhibitors as Therapeutic Agents the specification of which (check one) is attached hereto. was filed on September 15, 2000 as United States Application [X]Number of PCT International Application No. 09/663,320 and was amended on _____ (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed: Certified Priority Prior Foreign Application(s) Copy Filed? Not NO Claimed (Day/Month/Year filed) (Country) (Number) (Day/Month/Year filed) (Country) (Number) (Day/Month/Year filed) (Number) (Country) I hereby claim the benefit under 35 U.S.C. §119(c) of any United States provisional application(s) listed below. September 17, 1999 (Application Number) (Filing Date)

(Filing Date)

-2-

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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and John D. Conwa	ıy, Esq.	
to prosecute this applica	tion and to transact all business in	the Patent and Trademark Office connected therewith.
Please send corresp		
[X] Customer No.	21005 HAMILTON, BROC Two Militia Drive	OK, SMITH & REYNOLDS, P.C.
or	Lexington, MA 0242	21–4799
[] Address as foll	ows:	
Direct tolophor	ne calls to: Richard W. Wagner, I	Esq. Telephone No.: 781-861-6240
Direct facsimil	es to: Richard W. Wagner,	Esq. Facsimile No.: 781-861-9540
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Full name of sole	W	
or first inventor	Gavin C. Hirst	
Inventor's Signature		Date
Residence		
	Marlborough, Massachusetts 0	1752
Citizenship	Great Britain	
l'ost Office Address	Same as above	

Full name of second join		
inventor, if any	Paul Rafferty	
Inventor's Signature		Date
Residence		
	Westborough, Massachusetts 01581	
Citizenship	United Kingdom	
Post Office Address	Same as above	
Full name of third joint		
inventor, if any		
Inventor's Signature		Date
Residence	30 Ashmont Avenue	
Citizenship	Germany	· · · · · · · · · · · · · · · · · · ·
	Same as above	
Full name of fourth join		
inventor, if any	David Calderwood	1 /
Inventor's Signature	David Caldemard	Date 61/02/2001
Residence	4 McCarthy Circle	
	Framingham, Massachusetts 01702	
Citizenship		
Post Office Address		
Full name of fifth joint		
inventor, if any	Helen Twigger	
Inventor's Signature		Date
Residence	R5 Pennyloot Street	
	Nottingham, NG1 IGF, United Kingdom	
Citizenship	United Kingdom	
Post Office Address _	Same as above	

-4.

Full name of sixth joint inventor, if any	Stephen St. Gallay	
		Date
Residence	Bakewell Road	
	Loughborough, Leics, LE11 SRH, United Kingdom	
Citizenship	United Kingdom	,
Post Office Address	Same as above	

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DOCKET NO. 2079.1042-001

IN THE UNITED STREET PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;



	Kinase Inhibitor	rs as Therapeutic Ager	nts						-
the spe	ecification of which	h (check one)				•			
	is attached here	lo.							
[X]	was filed on <u>Se</u>	ptember 15, 2000 as U	Inited States Application		•				
	Number of PC1	'International Applica	tion No. <u>09/663,320</u>				_		
	and was amende	ed on	(if applicable).						
includi	I hereby state thing the claims, as a	nat I have reviewed and amended by any amend	d understand the contents of the abdinent referred to above.	ove-iden	lified	spec	ificati	ion,	
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lefine	I acknowledge t d in 37 C.F.R. §1.	the duty to disclose inf 56.	formation which is known by me to	be mate	rial to	pate	ntabi	nty a	s
for pat countr	d in 37 C.F.R. §1.: I hereby claim the dent or inventor's conjugation of the dent than the University application f	56. forcign priority benefit crtificate or 365(a) of nited States of Americ	ts under 35 U.S.C. 119(a)-(d) or 36 any PCT international application a, listed below and have also ident certificate, or of any PCT internat	5(b) of a which de ified belo	ny for signat	eign ed at	appli least	icatic t one the t	on(s
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and John D. Conwa	ıy, Esq.	
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Full name of sole		
or first inventor		
Inventor's Signature		Date
Residence		
	Marlborough, Mussachusetts 01	752
Citizenship	Great Britain	
Post Office Address	Same as above	

Full name of second join	τ	
inventor, if any	Paul Rafferty	12.21.00
Inventor's Signature	17-1	Date 12.21.00
Residence		
	Westborough, Massachusetts 01581	
	United Kingdom	
Post Office Address	Same as above	
Full name of third joint		
inventor, if any	Kurt Ritter	
Inventor's Signature		Date
Residence	30 Ashmont Avenue	
	Newton, Massachusetts 02460	
Citizenship	Ciermany	
Post Office Address	Same as above	
Full name of fourth join	ıt	
inventor, if any	David Calderwood	
Inventor's Signature		Date
	4 McCarthy Circle	
	- 1 1 14 14 11 11 11 11 11 11 11 11 11 11	
Citizenship	United Kingdom	
Post Office Address	Same as above	
Full name of lifth joint		
·	Helen Twigger	
•		
Residence		
	Nottingham, NG1 1GF, United Kingdom	
Citizenship		
Post Office Address		

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Full name of sixth joint inventor, if any			
		Date	
Residence	Bakewell Road	V	
	Loughborough, Leics, LEII SRH, United Kingdom	· · · · · · · · · · · · · · · · · · ·	
Citizenship	United Kingdom		
Post Office Address	Same as above		

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